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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/748,345

12/22/2000

Hans A. Lichtfuss

10002593-1

9781

7590

10/15/2004

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
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EXAMINER

GIBBS, HEATHER D

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 10/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/748,345

Applicant(s)

LICHTFUSS, HANS A.

Examiner

Heather D Gibbs

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2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 July 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,2,4-6,20 and 25-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2,4-6,20 and 25-38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date g.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

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DETAILED ACTION

*Response to Arguments*

1. In view of the appeal brief filed on 07/27/2004, PROSECUTION IS HEREBY REOPENED. A new ground of rejection is set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

*Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-2,4-6,20,25-26,28-29,31-34,37-38 are rejected under 35 U.S.C. 102(e) as being anticipated by Sawanobori (US 6,486,980).

Regarding claim 1, which is representative of claims 20,29,34, Sawanobori teaches a device comprising: a frame 20; a lid 20a, 20b moveably attaches to said frame, said lid

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being moveable between a closed position and an open position; a display 31 mounted to said lid; a photosensor array (Col 3 Lines 29-34); and wherein said display is visible when said lid is in said closed position (Figs 1-2; Col 3 Lines 15-19).

Considering claim 2, Sawanobori teaches wherein said lid is hingedly attached to said frame (Fig 2).

Considering claim 4, Sawanobori teaches wherein said device is a digital picture frame device (Col 4 Lines 13-16).

Regarding claims 5-6,31-33, it is inherent that a photosensor array can/could be a CIS, CCD, or any other two dimensional array.

Regarding claim 25, Sawanobori teaches displaying at least a portion of said image of said object on said display (Col 3 Lines 15-19).

Considering claim 26, Sawanobori teaches displaying at least a portion of said image of said object on said display while said data set is being generated (Col 2 Lines 54-66; Col 5 Lines 7-15)

Regarding claim 28, Sawanobori teaches wherein said photosensor array is at least partially located within said frame (Col 3 Lines 29-34).

Considering claim 37, Sawanobori teaches wherein said scanning causes an image of said object to be generated; and displaying at least a portion of said image of said object on said display (Col 2 Lines 54-67; Col 3 Lines 1-7).

Considering claim 38, Sawanobori teaches wherein said displaying at least a portion of said image occurs when said scanning is taking place (Col 2 Lines 54-67; Col 3 Lines 1-7).

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*Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 27,35-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sawanobori in view of Ma (US 6,078,407).

Sawanobori discloses the display device as discussed above.

Sawanobori does not disclose expressly wherein said photosensor array is moveable relative to said display.

Ma discloses a portable scanner and computer wherein said photosensor array is moveable relative to said display (Col 2 Lines 9-19).

Sawanobori & Ma are combinable because they are from the same scope of nature.

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Sawanobori with Ma.

The suggestion/motivation for doing so would have been as both systems share cumulative features making them additive in nature.

Therefore, it would have been obvious to combine Ma with Sawanobori to obtain the invention as specified in claims 27,35-36.

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*Conclusion*

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hongoh (US 5,115,374) teaches a scanner integrated with display module.

7.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D Gibbs whose telephone number is 703-306-4152. The examiner can normally be reached on M-F 8AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 703-305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

hdg



Heather D Gibbs  
Examiner  
Art Unit 2622



EDWARD COLES  
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